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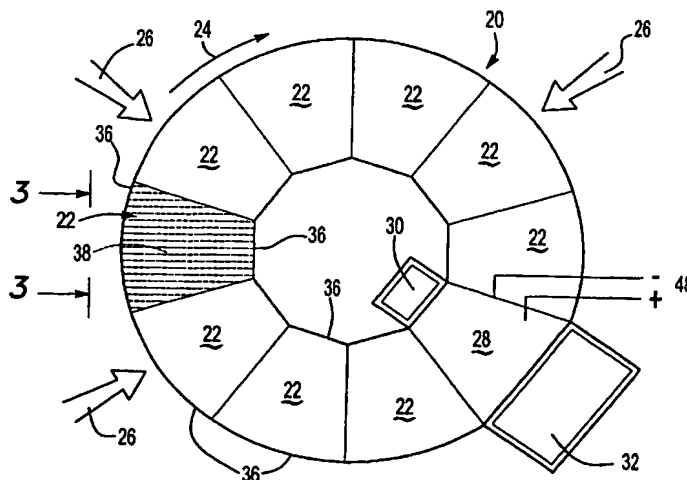
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(54) Title: **SORPTION CONCENTRATOR WITH ELECTRICALLY HEATED DESORPTION REGENERATION**



(57) Abstract: A sorption concentrator for removing contaminants from a gas stream comprising a plurality of sorption units, each having a semi-conductive honeycomb substrate having convoluted surfaces and parallel channels coated with a sorption material, a gas flow system directing gas to be cleaned, through a majority of the sorption units and directing clean gas through the remaining the sorption units during the regeneration cycle. The honeycomb construction is preferably formed of aluminum providing rapid heating and eliminating the requirement for heated desorb gas.

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— with amended claims

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